

# MA2.8s

Light weight, high performance power amplifier

## features

- ▶ Switch mode power supply
- ▶ Superior sonic performance
- ▶ Light weight
- ▶ Advanced protection circuits
- ▶ Efficient copper cooling system
- ▶ Minimum load switches (MLS™)



## applications

- ▶ Live sound reinforcement
- ▶ Fixed installations

The MA2.8s is one of a range of power amplifiers that have been designed to combine reliability and high power with sonic excellence. Utilising an advanced switch mode power supply, the amplifier is characterised by a very high power-to-weight ratio in a lightweight, 2U package. The innovative technology at the heart of the MA2.8s enables it to set new standards in terms of sonic accuracy, impact and clarity.

## technical specifications

### MAX OUTPUT POWER

EIA AT 1 kHz AND 1% THD

MLS in 0dB position

8 PER CHANNEL	1100 W
4 PER CHANNEL	1500 W
2 PER CHANNEL	1700 W
8 BRIDGED	3000 W
4 BRIDGED	3100 W

### MAX OUTPUT VOLTAGE

8Ω LOAD	94 Vrms
PEAK VOLTAGE, NO LOAD	135 V

### DISTORTION

THD 20Hz – 20kHz AND 1 W TO FULL POWER	0.08%
THD AT 1kHz AND -1dB UNDER CLIP	0.03%
DIM AT -3dB UNDER CLIP	0.02%

### HUM AND NOISE

HUM AND NOISE	<-105dB
CHANNEL SEPARATION @ 10kHz	80dB

### OUTPUT IMPEDANCE

OUTPUT IMPEDANCE	60 mΩ
SLEW RATE	20 V/μs

### INPUTS

GAIN SELECTABLE (dB)	20, 23, 26, 29, 32, 35, 38, 41
IMPEDANCE	10 kΩ
COMMON MODE REJECTION	50dB

### FRONT PANEL

GAIN CONTROLS	31 position detent
INDICATORS: PROTECT	Yellow LED
INDICATORS: CLIP	Red LED
INDICATORS: SIGNAL PRESENT (-40dB)	Green LED

### REAR PANEL

INPUT CONNECTORS	Neutrik Combo
LINK CONNECTOR	XLR-male
CLIP LIMITERS	On/off each channel
MLS SWITCH	0, -2, -4, -5dB
LINK-SWITCH	CH. A-B

### POWER

OPERATION VOLTAGE	130-270V
SOFT START	Yes
PEAK INRUSH CURRENT	5 A
FULL OUTPUT POWER	180-260 V
MIN START VOLTAGE	175 V
115V OPTION	Yes

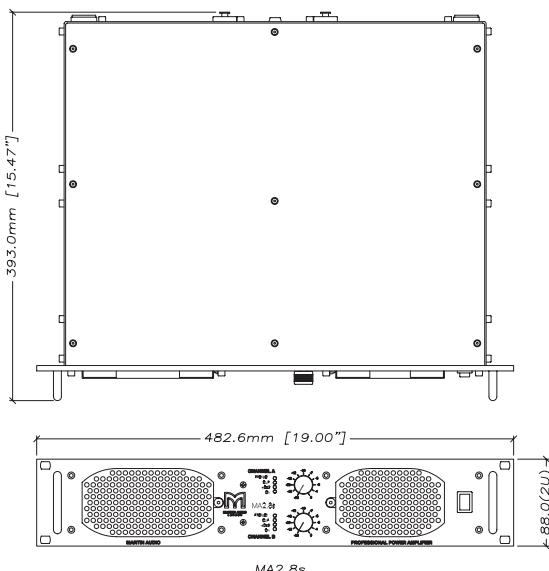
### CURRENT DRAW AT 4Ω/230V

QUIESCENT POWER (NO LOAD)	1 A rms
1/8 OF FULL POWER (-9dB)	5 A rms
1/3 OF FULL POWER (-5dB)	11 A rms
AT FULL POWER (0dB) @ 1kHz 1%THD	19 A rms

### DIMENSIONS

WIDTH	483mm (19ins)
HEIGHT	88mm (3.5ins)
DEPTH (incl.handles)	393mm (15.5ins)
WEIGHT	10kg (22lbs)

## overall dimensions



Century Point, Halifax Road, Cressex Business Park,  
High Wycombe, Buckinghamshire HP12 3SL, England.  
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669  
E-mail: info@martin-audio.com  
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[www.martin-audio.com](http://www.martin-audio.com)

